Inventor: SHARMA

Docket No.: Q3164.0206USWO
Title: METHOD, APPARATUS AND SYSTEM FOR TRANSFERRING HEAT

Attorney Name: Brian H. Batzli Phone No.: 612.336.4755 Sheet 1 of 4

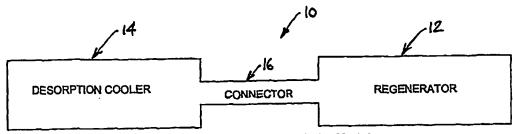


Figure 1. Desorption Chiller Module

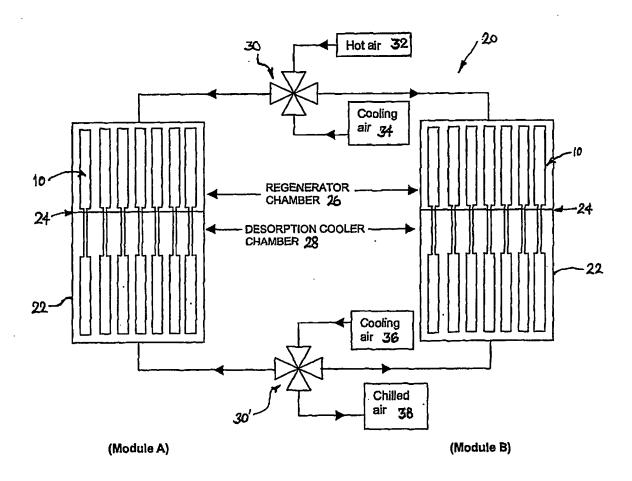


Figure 2 Desorption cooling system

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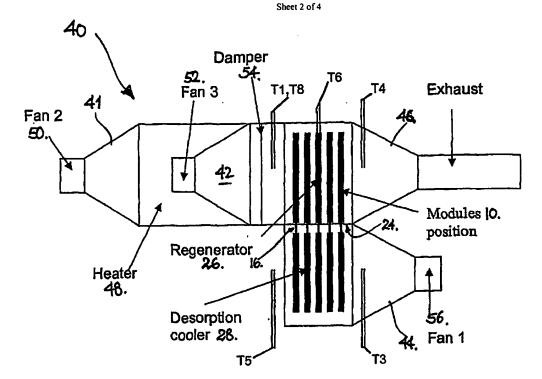


Figure 3a - Demonstration unit (Side view)

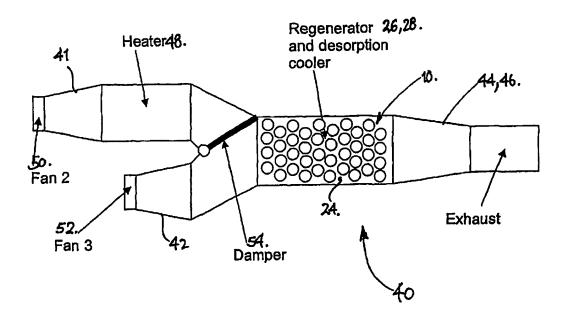
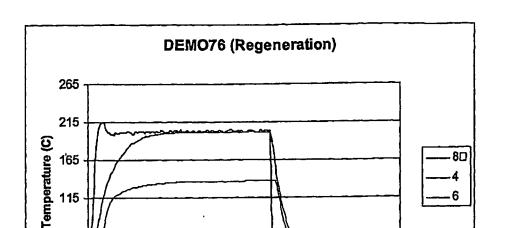


Figure 3b - Demonstration unit (Plan or top view)

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115

65

15

20

Figure 4 Temperature profiles at regenerator during regeneration and cooling of regenerator

Time (min)

40

60

80

100

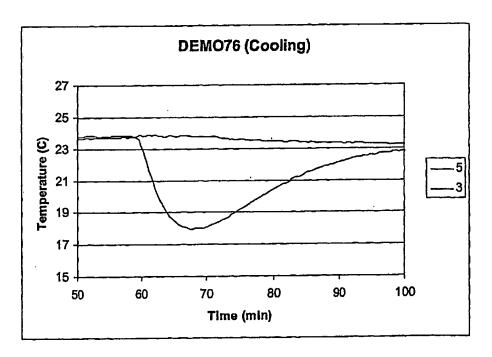


Figure 5 Temperature profiles at desorption cooler during cooling of regenerator

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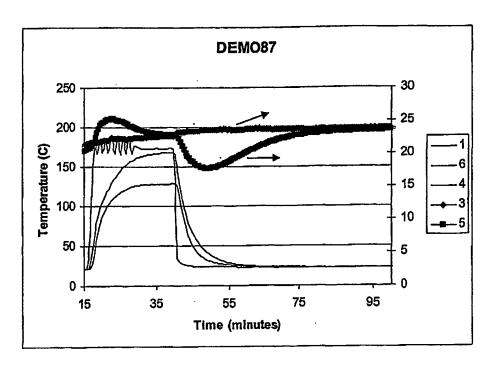


Figure 6 Test run with precise heating and cooling periods